

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_25**

ANALYST & DATE: TB/RM, 8/23/92

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 6.4%		
MODE 2:	81.00	3.631	SAND: 96.0%	MEDIUM SAND: 13.3%		
MODE 3:	273.5	1.876	MUD: 4.0%	FINE SAND: 41.3%		
D_{10} :	77.44	1.323		V FINE SAND: 34.6%		
MEDIAN or D_{50} :	144.9	2.787	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.0%		
D_{90} :	399.8	3.691	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.163	2.791	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	322.4	2.368	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.885	1.405	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	98.10	0.914	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	199.5	159.2	2.651	155.2	2.687	Fine Sand
SORTING (σ):	165.5	1.863	0.898	1.829	0.871	Moderately Sorted
SKEWNESS (Sk):	2.628	0.650	-0.650	0.221	-0.221	Coarse Skewed
KURTOSIS (K):	10.90	3.596	3.596	1.389	1.389	Leptokurtic

GRAIN SIZE DISTRIBUTION